

**U.S. ENVIRONMENTAL PROTECTION AGENCY
INITIAL POLLUTION REPORT**

DATE: 14MAY03

SUBJ: Alabama Flood 2003
Multiple Counties
Alabama

FROM: Rick Jardine PE, OSC

TO: Shane Hitchcock, Branch Chief
Don Rigger, Section Chief
Region 4, RRC
USCG National Pollution Fund Center
ADEM

I. BACKGROUND

FPN#	E03411
SITE ID#	Z4FE
PROJECT CEILING:	\$60,000
LEAD AGENCY:	EPA, Region 4, ERRB 61 Forsyth Street, SW Atlanta, Georgia 30303
NPL:	No
FUNDING:	OPA
LEAD OSC	Rick Jardine

II SITUATION

Date of Notification:	12 May 2003
Date Action Started:	12 May 2003
Date of Completion:	Open
Pollutant:	A variety of oils including hydraulic fluid, diesel fuel, and motor oil.
Resource Affected:	Fivemile Creek, Village Creek
Quantity Discharged:	Over 500 gallons
Source Identification:	Numerous drums and tanks moved by flood waters

III. ACTIONS TAKEN

ADEM Decatur District - SOSOC Freeman has pursued the owners of all identified hazmat/oil containers that have been deposited by flood waters. In each case thus far, the RPs have agreed to conduct response actions.

ADEM Birmingham District - SOSCs Rogers and Crosson have identified the owners of over fifty drums deposited by flood waters. The respective RPs are retrieving them. SOSCs have responded with local EMS in Jefferson and St.Clair Counties to stabilize five drums. Approximately a dozen more 55 gallon drums and a 500 gallon AST have been identified, are stable, and are awaiting collection. One owner of a 2,000 gallon AST retrieved his tank from a down-gradient community. OSC Jardine and START member Kowalski have mobilized to assist in assessment and response. OSC Jardine mobilized Kemron to recover approximately 500 gallons of oil and water that had pooled beside an unnamed tributary to Fivemile Creek. Jefferson County authorities have agreed to allow the staging of all containers at the Roads & Transportation facility in Ketona. SOSC Rogers has advised the operators of all area dams (Corps of Engineers, TVA) that drums have been discovered up gradient.

IV. FUTURE ACTIONS

EPA and ADEM will continue to advise local EMA and assess areas for potential environmental impact. OSC Jardine to mobilize Kemron to conduct further response actions including stabilization, collection, analysis, transportation, and disposal of oil and containers.

V. COSTS TO DATE

EPA	\$ 1,000
START	\$ 1,000
ERRS	\$ 2,000
FPN Ceiling:	\$ 60,000

The above accounting of expenditures is an estimate based on the figures known to the OSC at the time this report was written. The financial information is not intended to be used to support any legal action with regard to this removal.

**U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT No. 2**

DATE: 19 JUNE 03

SUBJECT: Alabama Flood 2003
Multiple Counties
Alabama

FROM: Rick Jardine PE, OSC

TO: Shane Hitchcock, Branch Chief
Don Rigger, Section Chief
Region 4, RRC
USCG National Pollution Fund Center
ADEM

I. BACKGROUND

FPN#	E03411
SITE ID#	Z4FE
PROJECT CEILING:	\$60,000
LEAD AGENCY:	EPA, Region 4, ERRB 61 Forsyth Street, SW Atlanta, Georgia 30303
NPL:	No
FUNDING:	OPA
LEAD OSC	Rick Jardine

II. SITUATION

Date of Notification:	12 May 2003
Date Action Started:	12 May 2003
Date of Completion:	Open
Pollutant:	A variety of oils including hydraulic fluid, diesel fuel, and motor oil.
Resource Affected:	Fivemile Creek, Village Creek, Cahaba River, Little Cahaba River
Quantity Discharged:	Over 500 gallons
Source Identification:	Numerous drums and tanks moved by flood waters

III. ACTIONS TAKEN

ADEM Decatur District - SOSC Freeman has identified the owners of all discovered hazmat/oil containers that have been deposited by flood waters in this area. In each case thus far, the RPs have agreed to conduct response actions.

ADEM Birmingham District - SOSCs including Rogers and Crosson canoed Fivemile Creek to determine the locations of additional drums or tanks that may have been washed up during the flooding. EPA stabilized and retrieved several drums, containers, and tanks from the cities of Trussville, Tarrant, and Leeds in Jefferson County. Additionally, Kemron excavated diesel saturated soils from a residential property located in the city of Leeds in St. Claire County. Kemron and EPA boated Bayview Lake to locate orphaned drums or containers that may have been washed up during the flooding. Free oil discovered on Bayview Lake and was recovered by EPA and Kemron. ADEM assisted in the Bayview Lake operations and supplied water craft to expedite said operations. A total of 26 drums, 10 containers, and 2 tanks have been identified, collected, and sampled for HazCat analysis. EPA, START, and Kemron performed HazCat analysis on the contents of all drums, containers, and tanks that were collected and staged at Ketona.

On 18 MAY EPA and START traveled to Florence, Lauderdale County, Alabama to verify the report of a drum at a residential dock in Wilson Lake. Upon arrival, EPA was informed by SWS personnel on site that the drum had been removed by the Lauderdale Fire Department and EMA under the supervision of ADEM. EPA and START viewed the area where the drum was retrieved, spoke with the local Fire Department, and departed Florence. Residual material on the dock appeared to be a form of tar-oil. SWS sample analysis pending. Local government is arranging for disposal of this one drum.

IV. FUTURE ACTIONS

Kemron will arrange for transportation and disposal of oil and containers. Disposal of two drums containing oil contaminated with hazardous materials will be accomplished with an alternate funding source.

V. COSTS TO DATE

EPA	\$ 2,000
START	\$ 15,000
ERRS	\$ 35,500
FPN Ceiling:	\$ 60,000

The above accounting of expenditures is an estimate based on the figures known to the OSC at the time this report was written. The financial information is not intended to be used to support any legal action with regard to this removal.

**U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT No. 3 and FINAL**

DATE: 08 December 2003

SUBJECT: Alabama Flood 2003
Multiple Counties
Alabama

FROM: Rick Jardine PE, OSC

TO: Shane Hitchcock, Branch Chief
Don Rigger, Section Chief
Region 4, RRC
USCG National Pollution Fund Center
ADEM

I. BACKGROUND

FPN#	E03411
SITE ID#	Z4FE
PROJECT CEILING:	OPA - \$60,000, CERCLA \$5,000
LEAD AGENCY:	EPA, Region 4, ERRB 61 Forsyth Street, SW Atlanta, Georgia 30303
NPL:	No
FUNDING:	OPA, CERCLA
LEAD OSC	Rick Jardine

II. SITUATION

Date of Notification:	12 May 2003
Date Action Started:	12 May 2003
Date of Completion:	08 July 2003
Pollutant:	A variety of oils including hydraulic fluid, diesel fuel, and motor oil.
Resource Affected:	Fivemile Creek, Village Creek, Cahaba River, Little Cahaba River
Quantity Discharged:	Over 500 gallons
Source Identification:	Numerous drums and tanks moved by flood waters

III. ACTIONS TAKEN

ADEM Decatur District - SOSC Freeman compelled identifiable responsible parties to claim their displaced containers. Local Fire Department conducted recovery of a single unidentified drum and contracted SWS to dispose of material. OSC Jardine and START reconnoitered the location of the fugitive drum.

ADEM Birmingham District - OSC Jardine and SOSCs including Rogers and Crosson conducted assessments and recovery of multiple containers of oil and unknown materials. Kemron recovered several hundred gallons of free oil ponded beside a tributary to five-mile Creek via vacuum truck during the first night of response. Several days later Kemron excavated diesel-saturated soil that was discovered on property adjacent to a tributary of the Little Cahaba River. EPA, START, and Kemron performed HazCat analysis on the contents of all drums, containers, and tanks that were collected and staged at the Jefferson County DOT Facility in Ketona.

Kemron treated approximately 700 gallons of oily water in lieu of disposal. All drums of oil were bulked or overpacked as appropriate. Several drums were identified to contain oils commingled with metals. EPA determined such to be hazardous and said containers were properly disposed of using CERCLA funding. None of the drums recovered had identifying markings which would lead to responsible parties.

IV. FUTURE ACTIONS

None.

V. COSTS TO DATE

OPA Funding:

EPA	\$ 5,000
START	\$ 13,000
ERRS	\$ 35,500
FPN Ceiling:	\$ 60,000

CERCLA Funding:

ERRS	\$ 1,000
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The above accounting of expenditures is an estimate based on the figures known to the OSC at the time this report was written. The financial information is not intended to be used to support any legal action with regard to this removal.

VI CONTACTS

NAME	ORGANIZATION	PHONE	TITLE
Rick Jardine	US EPA R4	404-562-8764	OSC
Paul Rogers	ADEM - B'ham	205-942-6168	SOSC
Stacey Kowalski	Weston Solutions	770-325-7944	START Proj. Mgr